



# Ca9-1

79953™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Shipping information:** Rehydrate with TE

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## Storage Conditions

**Product format:** Freeze-dried

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 35.962000000000003

**Type of DNA:** genomic

**Insert source:** lung carcinoma

**Insert tissue:** lung carcinoma

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Genomic copy number: unique

Cross references: DNA Seq. Acc.: U07561

Nucleotides 1-35962 of the insert correspond to nucleotides 1-35962 of U07561.

**Genome:** Homo sapiens

**Chromosome:** 9

9 q34.1

**Gene name:** gene X; Abelson murine leukemia viral (v-abl) oncogene homolog 1

**Gene product:** Abelson murine leukemia viral (v-abl) oncogene homolog 1 [ABL]

**Gene symbol:** ABL1; ABL

**Alleles:** D1, D2, D1, D2, A1, A2, B2, C1, C2, A1, A2, B1, B2, C1, C2, B1

**Contains complete coding sequence:** Yes

**Insert end:** Mbol

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## Vector Information

**Construct size (kb):** 45.16299819946289

**Intact vector size:** 9.201

**Vector name:** svPHEP

**Type of vector:** cosmid

**Host range:** *Escherichia coli*

**Vector end:** BamHI

**Vector information:**

Cross references: DNA Seq. Acc.: L19900

**Cloning sites:** BamHI; ClaI

**Markers:** ampR

**Polylinker sites:** HindIII; ClaI; EcoRI; BamHI

**Replicon:** pMB1

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## Notes

Restriction digests of the clone give the following sizes (kb): BamHI-->23.0; BglII--12.0, 6.6, 6.1, 5.8, 4.6 (doublet), 4.2, 2.8, 0.52; EcoRI--8.0, 7.0, 6.6, 4.9, 4.2 (doublet), 2.65, 2.15 (doublet), 1.55 (doublet); HindIII--14.0 (doublet), 6.1, 2.55 (doublet), 2.3, 2.05, 1.15, 0.96, 0.74, 0.44; SstI--14.0, 10.5, 7.0, 5.8 (doublet), 3.8, 0.92. IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

The insert begins 8604 nt upstream of "gene X", includes all 8 exons of that gene (through nt 18583) and continues through exon 1b (29132-29267) of ABL1. A CmL breakpoint occurs in the intergenic region.

- personal communication

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Ca9-1 (ATCC 79953)

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## References

References and other information relating to this material are available at

[www.atcc.org](http://www.atcc.org).

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## Revision

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## Ca9-1

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Product Sheet

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